

IN THE SPECIFICATION

Please insert the following paragraph beginning at page 1, line 6:

CROSS-REFERENCE TO RELATED APPLICATIONS

The present application claims priority to Japanese Application No. 10-188879, filed July 3, 1998, and WIPO Application No. PCT/JP99/03489, filed June 29, 1999. The present application also claims priority to the U.S. Application Serial No. 09/720,806, filed January 3, 2001.

Please replace the paragraph beginning at page 21, line 20, with the following rewritten paragraph:

In the apparatus according to this embodiment, the ultraviolet rays having the specific wavelength is guided at a high efficiency by the quartz rod 20, and the loss thereof is low though there is some loss of the ultraviolet rays in that the irradiation of the ultraviolet rays having the specific wavelength is conducted through the wall of the cell container 44. However, the diameter of a spot of the ultraviolet rays having the specific wavelength stuck on the cell container 44 can be controlled to a proper size by the projecting lens 40. Accordingly, the ultraviolet rays having the specific wavelength can be struck at a spot diameter according to the size of the light-receiving surface of the reaction vessel [[44]] 22, which thus has a merit that the utilization of the ultraviolet rays having the specific wavelength becomes high. In addition, the density of light may also be controlled.